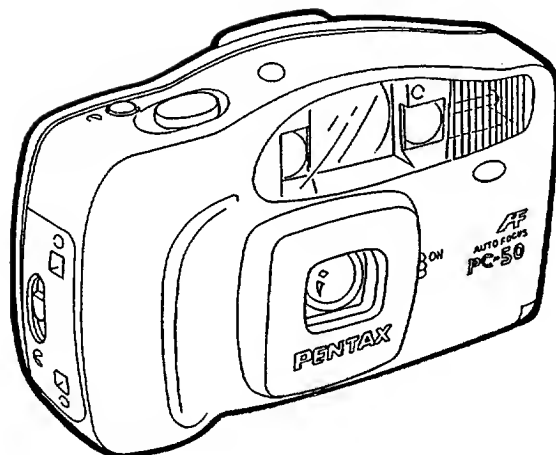
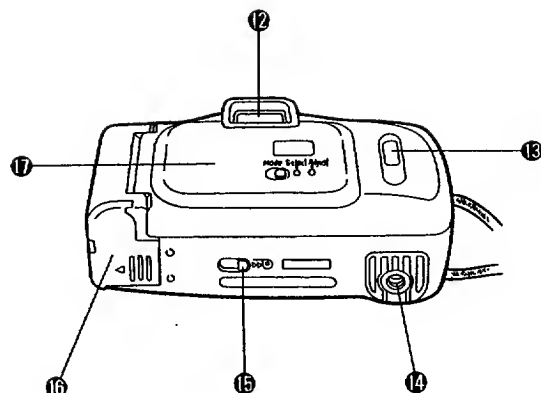
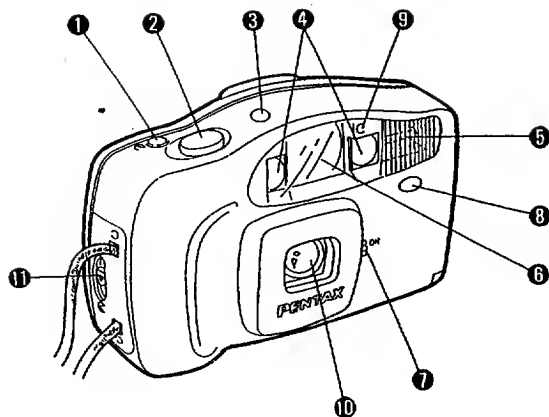


**PENTAX**

**PC-50**  
**PC-50** DATE



Operating manual  
Bedienungsanleitung  
Mode d'emploi  
Manual de instrucciones  
Manuale d'istruzioni  
用戶備用手冊



NAMES OF PARTS	BEZEICHNUNGEN DER TEILE	DESCRIPTIF TECHNIQUE
<ul style="list-style-type: none"> <li>① Self-timer Button</li> <li>② Shutter Release Button</li> <li>③ Film Counter</li> <li>④ Autofocus Window</li> <li>⑤ Built-in Flash</li> <li>⑥ Viewfinder Window</li> <li>⑦ Lens Protector Lever</li> <li>⑧ Self-timer/Red-eye Reduction Lamp</li> <li>⑨ Light Sensor Window</li> <li>⑩ Lens</li> <li>⑪ Back Cover Release Lever</li> <li>⑫ Viewfinder Eyepiece</li> <li>⑬ Film Information Window</li> <li>⑭ Tripod Socket</li> <li>⑮ Film Rewind Lever</li> <li>⑯ Battery Chamber Cover</li> <li>⑰ Back Cover</li> </ul>	<ul style="list-style-type: none"> <li>① Selbsteuslösertaste</li> <li>② Auslöser</li> <li>③ Bildzählwerk</li> <li>④ Autofokus-Fenster</li> <li>⑤ Eingebauter Blitz</li> <li>⑥ Sucherfenster</li> <li>⑦ Objektivschutzhebel</li> <li>⑧ Selbstauslöser/Vorblitz-Lampe</li> <li>⑨ Meßzelle</li> <li>⑩ Objektiv</li> <li>⑪ Rückwandentriegelung</li> <li>⑫ Sucherokular</li> <li>⑬ Filminformationsfenster</li> <li>⑭ Stetivgewinde</li> <li>⑮ Rückspulhebel</li> <li>⑯ Batteriefachdeckel</li> <li>⑰ Rückwand</li> </ul>	<ul style="list-style-type: none"> <li>① Bouton du retardateur</li> <li>② Déclencheur</li> <li>③ Compteur de vue</li> <li>④ Fenêtre autofocus.</li> <li>⑤ Flash incorporé</li> <li>⑥ Fenêtre du viseur</li> <li>⑦ Levier du protecteur d'objectif</li> <li>⑧ Retarderateur/éclairage de réduction</li> <li>⑨ Cellule</li> <li>⑩ Objectif</li> <li>⑪ Levier d'ouverture du dos</li> <li>⑫ Oculaire de visée</li> <li>⑬ Fenêtre d'information sur la pellicule</li> <li>⑭ Ecrou de pied</li> <li>⑮ Bouton de Rebobinage</li> <li>⑯ Couvercle du logement de pile</li> <li>⑰ Dos</li> </ul>
NOMENCLATURA	DESCRIZIONE DELLE PARTI	各部機件名稱
<ul style="list-style-type: none"> <li>① Botón del autodesparador</li> <li>② Disparador</li> <li>③ Contador de la película</li> <li>④ Ventana del enfoque automático</li> <li>⑤ Flash incorporado</li> <li>⑥ Ventanilla del visor</li> <li>⑦ Palanca de protector del objetivo</li> <li>⑧ Temporizador / Piloto de Reducción del efecto "ojos rojos"</li> <li>⑨ Ventanilla del fotosensor</li> <li>⑩ Objetivo</li> <li>⑪ Palanca de apertura de la tapa posterior</li> <li>⑫ Ocular del visor</li> <li>⑬ Ventanilla de información de la película</li> <li>⑭ Rosca para trípode</li> <li>⑮ Palanca de rebobinado de la película</li> <li>⑯ Tapa del compartimento de la pila</li> <li>⑰ Tapa posterior</li> </ul>	<ul style="list-style-type: none"> <li>① Pulsante di autoscatto</li> <li>② Pulsante di scatto</li> <li>③ Contafotogrammi</li> <li>④ Finestrella autofocus</li> <li>⑤ Flash incorporato</li> <li>⑥ Finestrella del mirino</li> <li>⑦ Levette del copri-obiettivo</li> <li>⑧ Spie autoscatto / funzione di riduzione dell'effetto "occhi rossi"</li> <li>⑨ Sensore luce</li> <li>⑩ Obiettivo</li> <li>⑪ Levette di apertura dorso</li> <li>⑫ Oculare del mirino</li> <li>⑬ Finestrelle di informazioni pellicola</li> <li>⑭ Attacco per treppiede</li> <li>⑮ Leva per il riavvolgimento del film</li> <li>⑯ Coperchio del vano pila</li> <li>⑰ Dorso</li> </ul>	<ul style="list-style-type: none"> <li>① 自拍按鈕</li> <li>② 快門釋放掣</li> <li>③ 膠卷計數表</li> <li>④ 自動對焦窗</li> <li>⑤ 內置閃燈</li> <li>⑥ 觀景器</li> <li>⑦ 鏡頭保護蓋桿</li> <li>⑧ 自拍 / 消滅 "紅眼" 燈</li> <li>⑨ 光度感應窗</li> <li>⑩ 鏡頭</li> <li>⑪ 機背開桿</li> <li>⑫ 觀景接目器</li> <li>⑬ 膠卷資料顯示窗</li> <li>⑭ 腳架插孔</li> <li>⑮ 膠卷回捲掣</li> <li>⑯ 電池蓋</li> <li>⑰ 相機背</li> </ul>

#### Power Switch

The power is turned on by opening the lens protector. (See figure [1].)

#### Film Loading

DX-coded film with ISO ratings from 100 to 400 can be used. Camera film speed is automatically set when the film is inserted.

- \* Camera film speed is set to ISO 400 when ISO 400 or faster films are inserted and set to ISO 100 when films slower than ISO 400 are inserted.

Do not expose the film to direct sunlight when it is inserted.

1. Press down the back cover release lever to open the back cover. (See figure [2].)
2. The film can easily be loaded by fully inserting the lower end of the film cartridge first and then inserting the top end. (See figure [3].)
3. Align the film leader with the film load mark. (See figure [4].)
  - \* Insert the film between the guide rails and remove any slack.
4. Close the back cover. (See figure [5].)
5. Open the lens protector and press the shutter button once to automatically load the film and "1" is displayed in the film counter. If "1" is not displayed, the film has not been loaded properly. Load it again. (See figure [6].)

#### Photography

Keep a distance of at least 1.2 m between the subject and the camera. When taking pictures outdoors, keep the sun behind you to take good pictures.

**Caution:** Make sure not to put your fingers or hair in front of the autofocus finder, lens, light sensor window and built-in flash.

1. Open the lens protector. Look through the viewfinder and compose your image. (See figure [7].)
  - \* The lens cannot be focused at distances less than 1.2m.
2. Depress the shutter release button halfway and the green lamp in the finder lights up. The picture can now be taken. If the green lamp blinks, this indicates that the built-in flash is being charged or that battery power is too low. In this case, release the button and wait a few seconds before pressing it again. The picture can be taken if the green lamp in the finder lights up. (See figure [8].)
  - \* When the green lamp is blinking, the flash is not charged. Release the shutter release button and wait a few seconds for the flash to be charged.
  - \* If the green lamp is still blinking after waiting 10 seconds or more, the batteries should be replaced.

#### FOCUSING (See figure [9]–[11])

Place the subject at the center of the viewfinder when you take a picture. To focus on the subject in a peripheral area, point the center of the viewfinder at the subject first, then depress the shutter release button halfway, recompose the picture and release the shutter.

#### Flash Photography

1. The built-in flash in this camera is automatically activated when available light is not sufficient for proper exposure. When the shutter release button is fully depressed, the red-eye reduction lamp illuminates and then the flash is charged.
2. The table on the right shows the distance ranges that will produce good pictures.

ISO	Flash-effective ranges
100	1.2~3.1m(3.9~10.2ft.)
200	1.2~4.4m(3.9~14.4ft.)
400	1.6~6.3m(5.2~20.7ft.)

#### Red-eye phenomenon in flash photography

When a picture is taken using a flash, a subject's eyes may appear red in the print. This phenomenon is caused by the reflection of the electronic flash in the retina. It can be reduced when the surroundings of the subject are brightened, or shooting distance is shortened with the lens set at the wide-angle position or by employing the red-eye reduction flash feature.

#### Self-Timer Photography

This function allows the photographer to include himself in the picture.

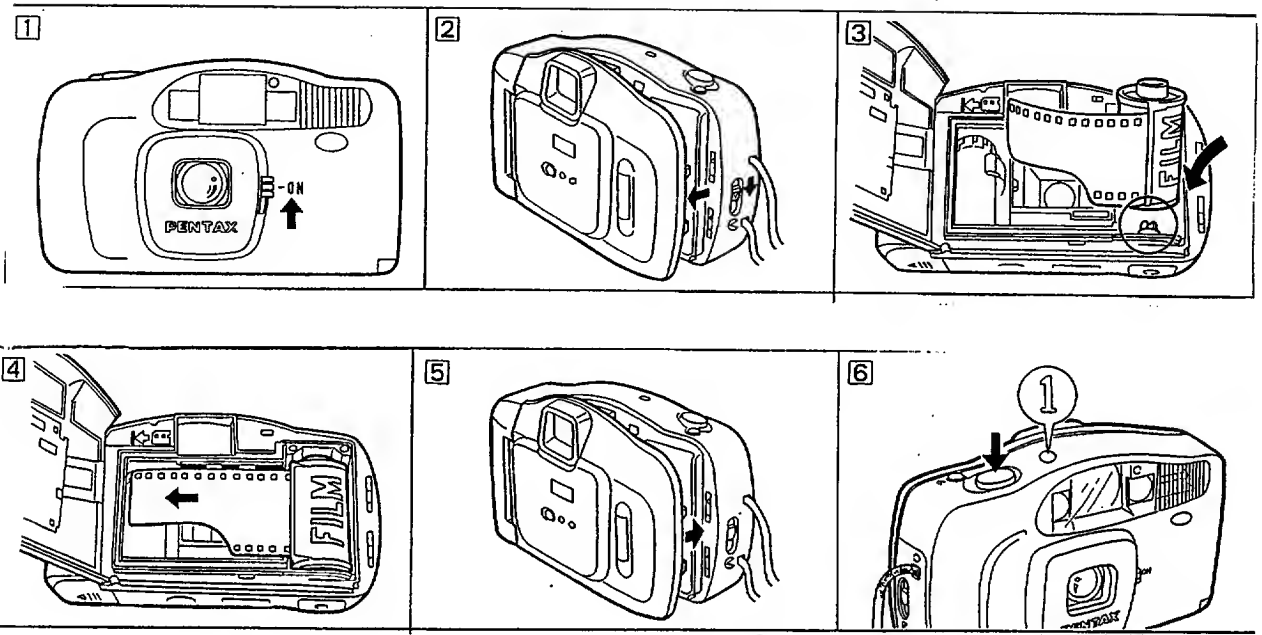
As illustrated, when the self-timer button is pressed, the self-timer lamp lights up and the timer starts as soon as the button is pressed. The picture is taken 10 seconds after the button is pressed. (The lamp starts blinking during the final three seconds.) (See figure [12].)

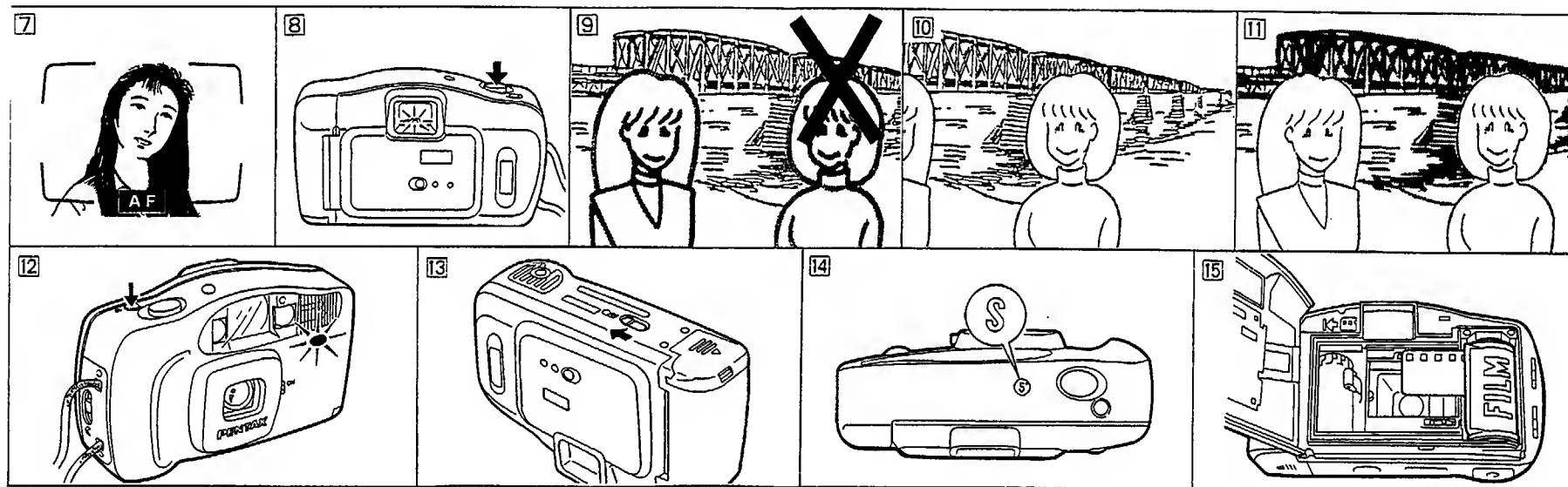
- \* If you want cancel the self-timer after depressing the self-timer button, close the lens protector by moving the lens protector lever.
- \* The self-timer does not operate in dark places when the flash is not charged. Check that the green lamp lights up before using the self-timer.
- \* Use of a tripod is recommended for self-timer photography.

#### REWINDING FILM

The motor stops automatically at the end of the film.

1. To rewind the film, push the film rewind lever in the direction of the arrow and hold it there until rewind finishes. (See figure [13].)
2. The motor stops automatically with the exposure counter showing "S". (See figure [14].)
3. Open the back cover and remove the film cartridge from the chamber. (See figure [15].)





## INSTALLING/REPLACING BATTERIES

You need two "AA" alkaline batteries to operate this camera. Ni-Cd and manganese batteries are not usable.

1. Open the battery chamber cover. (See figure 16.)
2. Insert two batteries by aligning (+) and (-) marks of the batteries with marks on the cover, then close the cover. (See figure 17.)

\* Up to 10 rolls of 24-exposure film can be taken with new alkaline (LR 6) batteries assuming that all of pictures are taken with flash. (According to Pentax testing conditions)

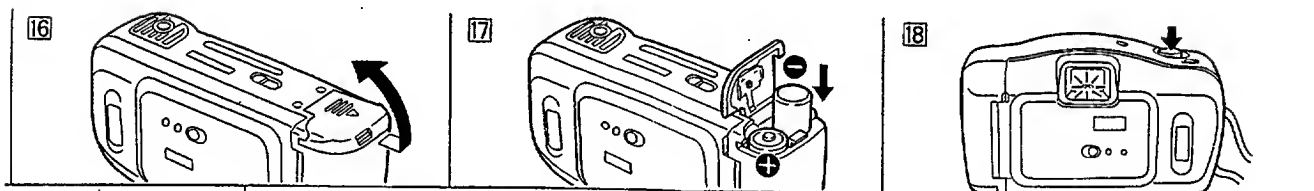
### Battery Check

When the batteries are properly inserted and the shutter button is pressed halfway, the green lamp at the center bottom of the finder light up or blinks. (See figure 18.)

- \* The camera does not operate when the batteries have been used up or have been improperly inserted.
- \* As the batteries deplete, flash recharging and film winding/rewinding will take longer. Replace the batteries as soon as you notice this.
- \* Batteries must be handled with care. Incorrect use of batteries can cause overheating or even explosions.
- \* Battery performance is poor at low temperatures but returns to normal at ordinary temperatures.
- \* Do not short-circuit, disassemble, recharge or throw used batteries into fire as they may explode.

### Handling Precautions

1. This is not an underwater camera and it may not be possible to repair it if it is immersed in water. Contact authorized service facility.
2. Sand or mud entering the camera may damage the camera. Do not place it directly on a sandy beach. It is not designed for professional or other taxing uses.
3. Do not use paint thinner, benzene or other solvents for cleaning the camera.
4. Do not store or leave the camera for a long time in places where the temperature is high.
5. Moisture condensation will form in the camera when it is brought into a warm room after shooting in cold weather. Put the camera in the camera bag or a vinyl bag before bringing it in to lower the temperature change. Take out the camera when the temperature change is less drastic.
6. A camera is a precision instrument. Do not drop it or bang it against objects. Have it inspected when it is exposed to strong shock or pressure.
7. The camera operates normally within a temperature range of 40°C (104°F) to -5°C (23°F).
8. The camera contains high voltage circuits. To prevent electric shock and other hazards, do not disassemble the camera.
9. The camera should be returned in for service every year or every other year to keep it in proper working order. It is also a good idea to have it inspected when it has not been used for a long time or before taking important photographs.



## DATEBACK OPERATION

**NOTE:** THIS IS APPLICABLE TO THE PC 50 DATE MODEL ONLY.

① Mode button ② Select button ③ Adjust button ④ Battery cover fixing screw

### Changing the Mode

Each time you press the Mode button ①, the mode in the LCD panel changes in succession from A: "Year-Month-Day" to B: "Day-Hour-Minute" to C: "Month-Day-Year" to D: "Month-Day-Year" to E: "Day-Month-Year". Stop pressing the button when the desired mode appears. " " indicates that no data will be imprinted on the picture.

**NOTE:** "M" in the LCD panel indicates "Month". Use a bell-point pen or a fine pointed device to depress the buttons.

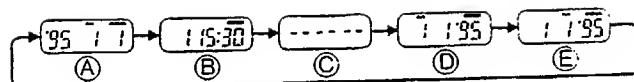
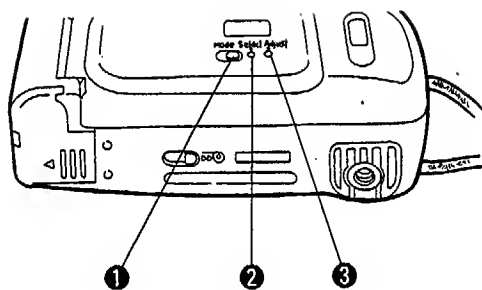
### Correcting the Data

1. Press the "Select" button ② until you reach the flickering digit which you wish to change.
2. Press the "Adjust" button ③ to change the digit of specified category you chose with the "Select" button ②. Digits increase by one each time you press the "Adjust" button ③. If you keep it depressed, the digit will advance continuously after two or three seconds.
3. Adjusting the second: Press the "Select" button ② until ":" will flicker. And press the "Adjust" button ③ in sync with a time signal to set the second to zero.
4. After the correction, press the "Select" button ② to make the data imprinting possible (the bar mark (—) appears on the LCD panel).

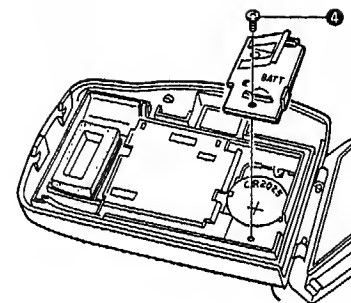
### Battery

The dateback is powered by one CR2025 3V Lithium battery. When the displays in the LCD cannot be seen clearly or when the watch function becomes unstable, replace the Battery with a new one by loosening Battery cover fixing screw ④. When the battery is set correctly, Data will be displayed. Reset the data according to "Correcting the Data".

19



20





## SPECIFICATIONS

Type:	35 mm fully automatic lens-shutter camera
Film:	35 mm DX-coded film with ISO rating from 100 to 400; J135 cartridge. The camera film speed is automatically set to ISO 100 when non-DX film is used.
Picture format:	24 mm x 36 mm
Film loading:	Auto film loading. Closing the back cover and pressing the shutter release button will automatically wind film to first exposure.
Film transport :	Auto film winding and rewinding. Rewinding stops upon completion.
Frame number:	Automatic readout of successive frame numbers in ascending order when shooting and descending order when rewinding.
Lens:	Pentax 35 mm, f/4.5, 3 elements in 3 groups
Focusing system:	Infrared active autofocus with focus-lock. Range : approx. 1.2 m (3.9 ft.) to infinity
Shutter:	Behind-the-lens shutter with fixed shutter speed at 1/125 sec.
Self-timer:	Electronic lamp indication. Approx. 10-sec delay. Cancellation after activation is possible.
Viewfinder:	Albada type bright frame finder
Exposure control :	Auto-aperture control f/4.5 Automatic low-luminance firing f/8 ISO100/200 f/16 ISO400
Flash:	Built-in flash with automatic low-luminance firing.
Charging time:	Approx. 6 sec according to Pentax testing conditions.
Power source:	Two 1.5 V "AA" alkaline batteries. (Ni-Cd and mercuric batteries are not usable.)
Size and weight:	126(W) x 73(H) x 49(D) mm; approx. 190g without batteries.
Date recording system:	Information is recorded on the reverse side of the film.
Date imprinting modes:	Push button to set unit to any of five modes: "Year/Mon/Day", "Day/Hour/Min", "-- --" (Blank), "Mon/Day/Year" or "Day/Mon/Year".
Date imprinting power source:	3 V lithium battery (one CR2025 battery)
Size and weight:	126(W) x 73(H) x 52(D) mm; approx. 200g without batteries.

Reversal film (slide film) may not be properly exposed. Use of negative color film (print film) is recommended.

## WARRANTY POLICY

All Pentax cameras purchased through authorized bona fide photographic distribution channels are guaranteed against defects of material or workmanship for a period of twelve months from date of purchase. Service will be rendered and defective parts will be replaced without cost to you within that period, provided the equipment does not show evidence of impact, sand or liquid damage, mis-handling, tampering, battery or chemical corrosion, operation contrary to operating instructions, or modification by an unauthorized repair shop. The manufacturer or its authorized representatives shall not be liable for any repairs or alterations except those made with its written consent and shall not be liable for damages from delay or loss of use or for other indirect or consequential damages of any kind, whether caused by defective material or workmanship or otherwise; and it is expressly agreed that the liability of the manufacturer or its representatives under all guarantees or warranties, whether express or implied, is strictly limited to the replacement of parts as hereinbefore provided. No refunds will be made on repairs performed by nonauthorized Pentax service facilities.

### Procedure during 12-month Warranty Period

Any Pentax equipment which proves defective during the 12-month warranty period should be returned to the dealer from whom you purchased the equipment or to the manufacturer. If there is no representative of the manufacturer in your country, send the equipment to the manufacturer, with postage prepaid. In this case, it will take a considerable length of time before the equipment can be returned to you owing to the complicated customs procedures required. If the equipment is covered by warranty, repairs will be made and parts replaced free of charge, and the equipment will be returned to you upon completion of servicing. If the equipment is not covered by warranty, regular charges of the manufacturer or of its representatives will apply. If your Pentax equipment was purchased outside of the country where you wish to have it serviced during the warranty period, regular handling and servicing fees may be charged by the manufacturer's representatives in that country. Notwithstanding this, Pentax equipment returned to the manufacturer will be serviced free of charge according to this procedure and warranty policy. In any case, however, shipping charges and customs clearance fees are to be borne by the sender. To prove the date of your purchase when required, please keep the receipts or bills covering the purchase of your equipment for at least a year. Before sending your equipment for servicing, please make sure that you are sending it to the manufacturer's authorized representatives or their accredited repair shops, unless you are sending it directly to the manufacturer. Always obtain a quotation of the service charge, and only after you accept the quoted service charge, instruct the service station to proceed with the servicing.

This warranty does not apply to Pentax products purchased in the U.S.A., U.K. or Canada. The local warranty policies available from Pentax distributors in those countries supersede this warranty policy.



Asahi Optical Co., Ltd. 11-1, Nagata-cho 1-chome, Chiyoda-ku, Tokyo 100, JAPAN  
Pentax Europe n.v. Weiveldlaan 3-5, 1930 Zaventem, BELGIUM  
Pentax Handelsgesellschaft mbH. Julius-Vosseler-Strasse, 104, D-22527 Hamburg, GERMANY  
Pentax U.K. Limited. Pentax House, Heron Drive, Langley, Slough SL3 8PN, U.K.  
Pentax France S.A. Z.I. Argenteuil, 12, rue Ambroise Croizat, 95100 Argenteuil, FRANCE  
Pentax Benelux (for Netherlands) Spinveld 25, 4815 HR Breda, NETHERLANDS  
(for Belgium & Luxemburg) Weiveldlaan 3-5, 1930 Zaventem, BELGIUM  
Pentax (Schweiz) AG Industriestrasse 2, 8305 Dietlikon, SWITZERLAND  
Pentax Scandinavia AB Falhagsleden 52, 75127 Uppsala, SWEDEN  
Pentax Corporation 35 Inverness Drive East, Englewood, Colorado 80112, U.S.A.  
Pentax Canada Inc. 3131 Universal Drive, Mississauga, Ontario L4X 2E5, CANADA